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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Stoller et al.

Serial No.: 10/091,251

Filed: March 5, 2002

For: Subsurface Radiation Phenomena Detection

With Combined and Azimuthally Sensitive

Detectors

Group Art Unit: 2878

Examiner: Hannaher, Constantine

Atty. Dkt. No.: 20.2732

enter CH

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION DATED APRIL 1, 2004

Dear Sir:

This paper is timely submitted in response to the Office Action dated April 1, 2004. Reconsideration of the application is respectfully requested in light of the following amendments and remarks.